

WHAT IS CLAIMED IS:

1. A recording medium having a data structure for managing reproduction of still images, comprising:

a data area storing presentation data, the presentation data being divided into a number of still picture units, each still picture unit including at least one still picture and associated related data, the related data not including audio data.

2. The recording medium of claim 1, wherein the related data in at least one still picture unit includes graphics data.

3. The recording medium of claim 1, wherein the related data in at least one still picture unit includes subtitle data.

4. The recording medium of claim 1, wherein the presentation data is multiplexed into a transport stream.

5. The recording medium of claim 4, wherein the presentation data is multiplexed into a transport stream on a still picture unit by still picture unit basis.

6. The recording medium of claim 5, wherein each still picture unit is aligned

with a physical recording unit of the recording medium.

7. The recording medium of claim 6, wherein the recording medium is an optical disk and the physical recording unit is one of a sector and an error correction code block.

8. The recording medium of claim 6, wherein at least one physical recording unit not filled by the associated still picture unit is filled with stuffed data.

9. The recording medium of claim 5, further comprising:

at least one navigation area including a clip information file, the clip information file including at least one entry point map, the entry point map including at least one entry point providing at least an address of a still picture in the transport stream.

10. The recording medium of claim 5, wherein the entry point map includes an entry point associated with each still picture unit.

11. The recording medium of claim 1, wherein each elementary stream of the still picture and associated related data is aligned within the still picture unit.

12. The recording medium of claim 11, wherein each elementary stream is a packetized elementary stream.

13. The recording medium of claim 12, wherein each still picture unit includes one packet from each packetized elementary stream.

14. The recording medium of claim 1, wherein the data area stores the presentation data in a first clip file, and stores audio data in a second clip file.

15. The recording medium of claim 14, further comprising:

a playlist area storing at least one playlist, the playlist including at least one playitem and at least one sub-playitem, the playitem providing navigation information for reproducing the presentation data from the first clip file, the sub-playitem providing navigation information for reproducing the audio data from the second clip file.

16. The recording medium of claim 1, wherein each still picture unit includes only one still picture.

17. A recording medium having a data structure for managing reproduction of still images, comprising:

a data area storing presentation data in a first clip file and audio data in a second clip file, the presentation data being divided into a number of still picture units, each still picture unit including at least one still picture and associated related data.

18. The recording medium of claim 17, further comprising:

a playlist area storing at least one playlist, the playlist including at least one playitem and at least one sub-playitem, the playitem providing navigation information for reproducing the presentation data from the first clip file, the sub-playitem providing navigation information for reproducing the audio data from the second clip file.

19. A method of recording a data structure for managing reproduction of at least one still image on a recording medium, comprising:

recording presentation data on the recording medium, the presentation data being divided into a number of still picture units, each still picture unit including at least one still picture and associated related data, the related data not including audio data.

20. A method of reproducing a data structure for managing reproduction of at least one still image recorded on a recording medium, comprising:

reproducing presentation data from the recording medium, the presentation data being divided into a number of still picture units, each still picture unit including at least one still picture and associated related data, the related data not including audio data.

21. An apparatus for recording a data structure for managing reproduction of

at least one still image on a recording medium, comprising:

- a driver for driving an optical recording device to record data on the recording medium;

- a controller for controlling the driver to record presentation data on the recording medium, the presentation data being divided into a number of still picture units, each still picture unit including at least one still picture and associated related data, the related data not including audio data.

22. An apparatus for reproducing a data structure for managing reproduction of at least one still image recorded on a recording medium, comprising:

- a driver for driving an optical reproducing device to reproduce data recorded on the recording medium;

- a controller for controlling the driver to reproduce presentation data from the recording medium, the presentation data being divided into a number of still picture units, each still picture unit including at least one still picture and associated related data, the related data not including audio data.